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TICKHILL URBAN DISTRICT COUNCIL

ANNUAL REPORT

of the

Medical Officer of Health

for Year ended 31st December, 1959

A. PENMAN, M.D., Ch.B., D.P.H.

Medical Officer of Health

Tickhill Urban District Council

Divisional Health Office,
Station Road,
Doncaster.
September, 1960.

TO: THE CHAIRMAN AND MEMBERS OF THE
TICKHILL URBAN DISTRICT COUNCIL.

Ladies and Gentlemen,

I have pleasure in submitting the Annual Report on the health of the Urban District.

The township lost an able and well respected officer by the death of the Medical Officer of Health, Dr. A. Penman, in October. This report is, therefore, in large measure his report on the health of the inhabitants, and the activities carried out under his direction.

The vital statistics indicate a high age level of the population.

The estimated population was reduced by 10 to 2,570. The number of births was reduced from 39 to 36. The number of deaths increased from 38 to 47. 13 of these deaths being due to heart and allied conditions and 4 due to malignant diseases. There were no deaths due to childbirth or tuberculosis but 5 deaths occurred from accidents and 1 by suicide.

Only 13 cases of infectious disease were notified during the year, 12 of which were measles and 1 scarlet fever.

I acknowledge with thanks the report of your Surveyor and Public Health Inspector, Mr. W. H. N. Haslam, which is included in this report.

I would also thank all members of the Council for the courteous reception of my report as Acting Medical Officer of Health.

I have the honour to be, ladies and gentlemen,

Your obedient servant,

J. FERGUSON,

Acting Medical Officer of Health.

**PUBLIC HEALTH OFFICERS OF THE
URBAN DISTRICT COUNCIL.**

1—Medical Officer of Health:

A. PENMAN, M.D., Ch.B., D.P.H.

(Also Divisional Medical Officer, W.R.C.C.)

2—Public Health Inspector and Surveyor (part-time):

W. H. N. HASLAM,

M.Inst.R.A., M.R.San.I., A.M.Inst.B.E., Worksop.

3—Meat Inspector (part-time):

J. BOWETT, M.R.C.V.S., Worksop.

Council Offices:

Westgate, Tickhill (Tel. No: Tickhill 215)

Health Offices:

Divisional Offices, Station Road, Doncaster.

(Tel. No: Doncaster 61571).

SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area of the district (including 6 acres of water):	5,580 acres
Registrar General's estimate of residential population mid-year 1959	2,570
Number of inhabited house at the year end 1959	870
Rateable Value (1st April, 1960)	£34,442
Sum represented by a penny rate	£143 0 0

Extracts from Vital Statistics

(Corrected for Inward and Outward Returns)

LIVE BIRTHS:	1959	1958
Total Number	36	39
Birth Rate per 1,000 population ...	14.0	15.1
Birth Rate per 1,000 population ...		
(corrected)	14.0	15.1
Birth Rate England and Wales ...	16.5	16.4
Percentage illegitimate live births per total births	3.3	2.8

	M	F	Total
Legitimate	12	22	34
Illegitimate	—	2	2
Total	12	24	36

STILL BIRTHS:	1959	1958
Total Number	1	—
Rate per 1,000 Total Live and Still Births	27.0	—
Rate for England and Wales	20.7	—

	M	F	Total
Legitimate	1	—	1
Illegitimate	—	—	—
Total	1	—	1

TOTAL LIVE AND STILL BIRTHS:					1959	1958	
Total Births (Live and Still)					37	39	
Rate per 1,000 population					14.4	15.1	
					M	F	Total
Legitimate	...	...	...	13	22	35
Illegitimate	...	...	...	—	2	2
					<hr/>		
Total	...	...	...	13	24	37

INFANTILE MORTALITY:

The Infantile Mortality Rate is the number of deaths of infants under one year of age per 1,000 registered live births.

				1959
Number of Deaths				1
Death Rate of all infants per 1,000 live births				27.8
Death Rate of Legitimate Infants per 1,000 legitimate live births				29.4
Death Rate of Illegitimate Infants per 1,000 illegitimate live births				Nil

NEO-NATAL MORTALITY:

The Neo-Natal Mortality Rate is the number of deaths of infants under four weeks of age per 1,000 total live births.

				1959
Number of Deaths				1
Death Rate per 1,000 total live births ...				27.8
Death Rate for England and Wales ...				15.8

EARLY NEO-NATAL MORTALITY:

The Early Neo-Natal Mortality Rate is the number of deaths of infants under one week of age per 1,000 total live births.

				1959
Number of Deaths				1
Death Rate per 1,000 total live births ...				27.8

PERINATAL MORTALITY RATE:

The Perinatal Mortality Rate is the number of stillbirths and deaths under 1 week combined, per 1,000 total live and still births.

						1959
Number of Deaths	...	...	...	...		2
Death Rate per 1,000 total live and still births	...	...	...	...	...	54.0
MATERNAL DEATHS (including abortion)	...					Nil

DEATHS:					1959	1958
Total number	...	...	...	...	47	38
Death Rate per 1,000 population (crude)	...	...	...	...	18.3	14.7
Death Rate per 1,000 population (corrected)	...	...	...	...	18.7	15.0
Death Rate for England and Wales	...				11.6	11.7
				M	F	Total
Deaths	...	...	...	28	19	47

Deaths from road accidents and other violent causes:

There were 3 fatal road accidents, 1 suicide and two people lost their lives through other accidents.

COMPARATIVE VITAL STATISTICS FOR THE YEAR 1959.

The following table shows an interesting comparison between the Authority's vital statistics and those of the W.R.C.C. Urban Authorities, the West Riding as a whole, and England and Wales as a whole.
Based on the Registrar General's Figures.

Crude Rate	Tickhill Urban District	Aggregate West Riding Urban Districts	West Riding Admin. County	England and Wales
Live Birth Rate	14.0	16.1	16.5	16.5
Corrected	14.0	16.2	16.7	16.5
Death Rate—All Causes ...	18.3	12.4	11.6	11.6
Corrected	18.67	13.0	12.7	11.6
Infective & Parasitic Diseases excluding Tuberculosis but including Syphilis and other V.D.	—	0.04	0.04	†
Tuberculosis:				
Respiratory	—	0.08	0.07	0.08
Other Forms	—	0.01	0.01	0.01
All Forms	—	0.09	0.08	0.09
Cancer	2.72	2.12	1.99	2.14
Vascular Lesions of the Nervous System	3.50	1.96	1.81	†
Heart and Circulatory Diseases	5.06	4.68	4.31	†
Respiratory Diseases	2.72	1.55	1.44	†
Maternal Mortality	—	0.41	0.36	0.38
Infant Mortality	27.8	24.0	24.0	22.0
Neo-Natal Mortality	27.8	16.4	16.2	15.8
Peri-natal Mortality	54.0	33.1	33.7	†
Stillbirths	27.0	19.7	20.4	20.7

† Figures not available.

Maternal Mortality Rate per 1,000 Live and Still Births.
Stillbirths Rate per 1,000 Live and Still Births.
Infant Mortality Rate per 1,000 Live Births.
Neo-Natal Mortality Rate per 1,000 Live Births.
Perinatal Mortality Rate per 1,000 Live and Still Births.
Respiratory Diseases—combined death rate from influenza,
pneumonia, bronchitis, and other diseases of respiratory
system excluding Tuberculosis.

SECTION B

COUNTY COUNCIL HEALTH SERVICES

Tickhill Urban District is part of Health Division 28 (Doncaster) of the West Riding County Council.

The **Home Nursing Service** was maintained by the nurse from Edlington mainly, and sometimes by the nurse from Bessacarr (Cantley).

The **Domiciliary Midwifery Service** was supplied by the Bawtry midwife supplemented by certain of her colleagues.

The **Health Visiting** of infants and pre-school children and the duties of school nurse were carried out by Health Visitor Nurse W. Blagojevic. The mobile child welfare clinic made fortnightly visits to Tickhill and was well attended.

School Medical Inspection: Routine and special examinations were carried out.

Four adolescents from Tickhill attended the Occupation Centre at Adwick-le-Street.

The **Ambulance Service** as usual remains available through the Ambulance Officer at 1, Yarborough Terrace, Bentley (Tel. No: Doncaster 49468). Persons authorised to summon an ambulance include doctors, nurses, midwives, police, and the general public in emergency.

SECTION C

SANITARY CIRCUMSTANCES OF THE DISTRICT

(including the Report of the Public Health Inspector under the Sanitary Officers' Order)

No. of nuisances outstanding at 31/12/58 ...	11
Notices for abatement of nuisances issued in	
1959	23
Nuisances abated	20
Nuisances outstanding at 31/12/59	14
No. of inspections made to factories	18

WATER SUPPLY:

828 inhabited houses are connected to the public mains of the Don Valley Water Board. This water was sampled regularly at Austerfield Pumping Station during the year for bacterial content and proved consistently satisfactory. Chemical analysis continues to show good quality and moderate hardness (mainly of the "temporary" kind). No shortage of water was reported during the year.

The 41 houses not on the public mains are in remote areas and are supplied by private wells.

SEWERAGE AND SEWAGE DISPOSAL:

The built-up part of the Urban District is sewered with the exception of the Lindrick area which is too low for drainage without pumping. The houses in outlying areas plus the Lindrick houses not served by the sewer are 46. Some of these have cesspools.

The sewage works are of modern construction and consist of one sedimentation tank, two percolation filters with sprinklers and six sludge beds. Provision for storm overflow has been made by use of a by-pass to the old sewage works in times of heavy rainfall. Nevertheless, overloading does occur in the main sewers at such times owing to the storm water being mixed with sewage in single combined sewers. This matter of a separate surface water system has been occupying the attention of the Council for some years. Additional sludge beds are also required.

CLOSET ACCOMMODATION:

95 per cent. of the houses are connected to the sewers; $2\frac{1}{2}$ per cent. to private drainage. Both of these categories have the water carriage system with w.c.s. 23 houses have the conservancy system of sewage disposal including some earth or pail closets.

PUBLIC CLEANSING:

The collection and disposal of dry household refuse is carried out entirely by the Council's workmen and equipment, a weekly service being maintained. About 80 per cent. is disposed by controlled tipping and 10 per cent. each by destruction and to farmers.

SECTION D

HOUSING

5 Demolition Orders were made under Section 17 of the Housing Act, 1957.

6 Undertakings to do necessary work (Section 16) were accepted, and special undertakings not to use for human habitation were given in 2 cases.

3 houses were made fit under Section 16.

SECTION E

There are some 24 shops and cafes, etc., where food is sold or prepared for sale and six of these are registered to sell ice-cream. The managements have been kept informed of the requirements of the Food and Drugs Act and the Food Hygiene Regulations and in many of them improvements have been carried out to meet requirements. The ice-cream sold is mainly factory-wrapped or packaged.

The Urban District is included in an area where only designated milks can be sold. This has caused the number of retailers to drop to three, two of whom require supplementary licences and one a dealer's licence.

No special action was called for in relation to infectious disease among food handlers or their families under the Milk and Dairies Regulations or the Food and Drugs Act.

No case of food poisoning was notified during the year.

SECTION F

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

Age and Sex Incidence:

NOTIFIABLE DISEASES, 1959

Age Group	Measles		Scarlet Fever		Pneumonia		Whooping Cough		Dysentery	
	M	F	M	F	M	F	M	F	M	F
Under 1 year	—	—	—	—	—	—	—	—	—	—
1 year	—	1	—	—	—	—	—	—	—	—
2 years	1	1	—	—	—	—	—	—	—	—
3 years	1	1	—	—	—	—	—	—	—	—
4 years	—	2	—	—	—	—	—	—	—	—
5-9 years	2	3	—	1	—	—	—	—	—	—
10-14 years	—	—	—	—	—	—	—	—	—	—
15-24 years	—	—	—	—	—	—	—	—	—	—
25 and over	—	—	—	—	—	—	—	—	—	—
Total:	4	8	—	1	—	—	—	—	—	—

STATE OF IMMUNISATION AGAINST DIPHTHERIA YEAR ENDED 31/12/59

Under 1 year	1-4 years	5-9 yrs.	10-14 yrs.	Total under 15 years
6	98			
Total Immunised:		104	335	439
Child population under 5:		164	Child population 5-14 years—420	584
Percentage immunised under 5:		63	Percentage immunised 5-14 years—80	75

IMMUNISATION AGAINST WHOOPING COUGH

29 children under four years of age were immunised against whooping cough.

VACCINATION AGAINST SMALLPOX

	Vaccinated	Re-vaccinated
Pre-school children	16	—
Schoolchildren and adults ...	—	—
	—	—
	16	—
	—	—

16 babies were vaccinated out of 36 born.

VACCINATION AGAINST POLIOMYELITIS

The acceptance rate for children is above 75 per cent., and this protection is now accepted generally by mothers along with diphtheria and whooping cough immunisation. Ample supplies of vaccine are available.

TUBERCULOSIS

New case notified during the year: 1 aged 33 years. This patient received sanatorium treatment.

Remaining on the register at the end of the year were:

	M	F	Total
Respiratory cases	7	8	15
Non-respiratory cases ...	2	2	4
	—	—	—
	9	10	19
	—	—	—

There were no deaths from tuberculosis during the year. The health visitor continued to act as tuberculosis nurse contacting patients and their families, the chest clinic and the Medical Officer of Health.

SECTION 47. NATIONAL ASSISTANCE ACTS, 1948 AND 1951

This enactment relates to persons living in insanitary conditions due to old age or infirmity. No cases were dealt with.

FACTORIES ACTS, 1937 AND 1948

No. of factories on the register ... ..	...	...	10
No. of inspections made ... ..	...	...	18
No. of cases in which defects were found ...	...	...	1
No. of defects remedied ... ..	...	...	—
No. of registered out-workers ... ..	...	...	—

Chronicle Printers, Scot Lane, Doncaster
